

American Wheat

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **21**
- SRM **3.6**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.2 liter(s)**
- Total mash volume **17.6 liter(s)**

Steps

- Temp **65 C**, Time **70 min**

Mash step by step

- Heat up **13.2 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **70 min** at **65C**
- Sparge using **16.5 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (45.5%)	80 %	5
Grain	Pszeniczny	2.2 kg (50%)	85 %	4
Grain	Weyermann - Carapils	0.2 kg (4.5%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Amarillo	10 g	55 min	9.5 %
Boil	Amarillo	20 g	10 min	9.5 %
Boil	Citra	10 g	5 min	12 %
Dry Hop	Citra	20 g	5 day(s)	12 %
Dry Hop	Amarillo	10 g	5 day(s)	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Lager	Slant	100 ml	---